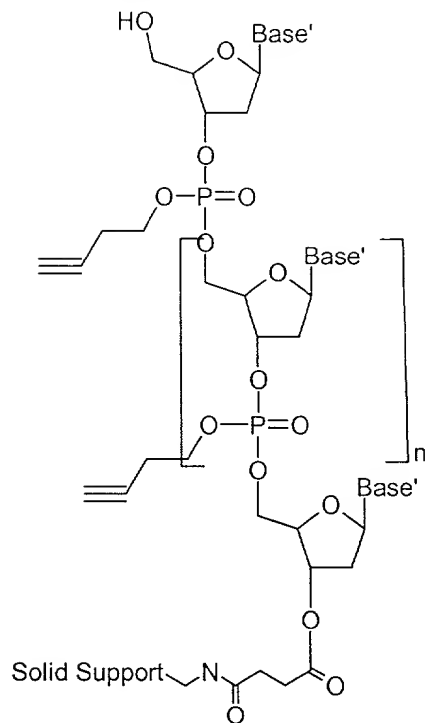


FIG. 1A

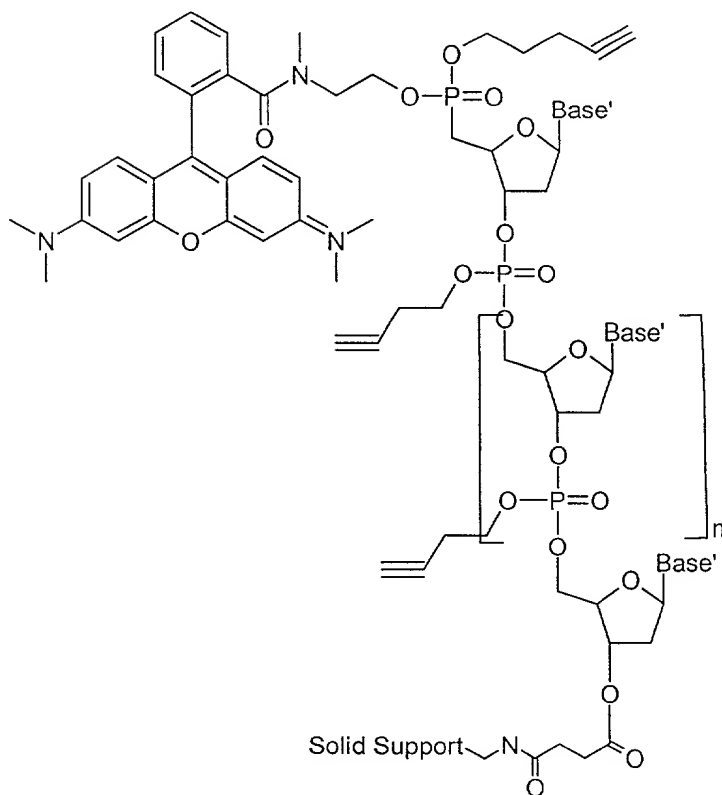
Support-Bound Protected DNA



Rhodamine
Phosphoramidite

Oxidatio

TMR-Labeled Support-Bound Protected DNA



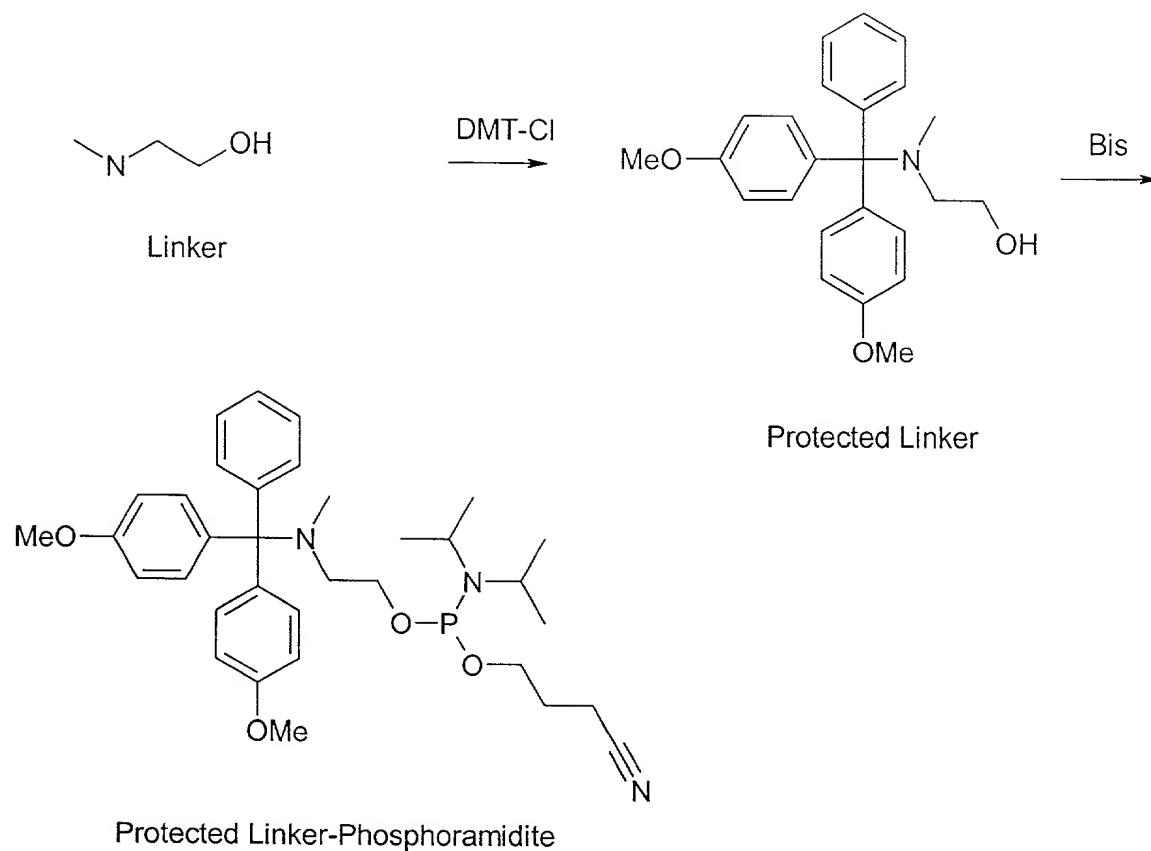
Cleavage

Deprotection

TMR-Labeled DNA

FIG. 1B

Reaction 1



Reaction 2

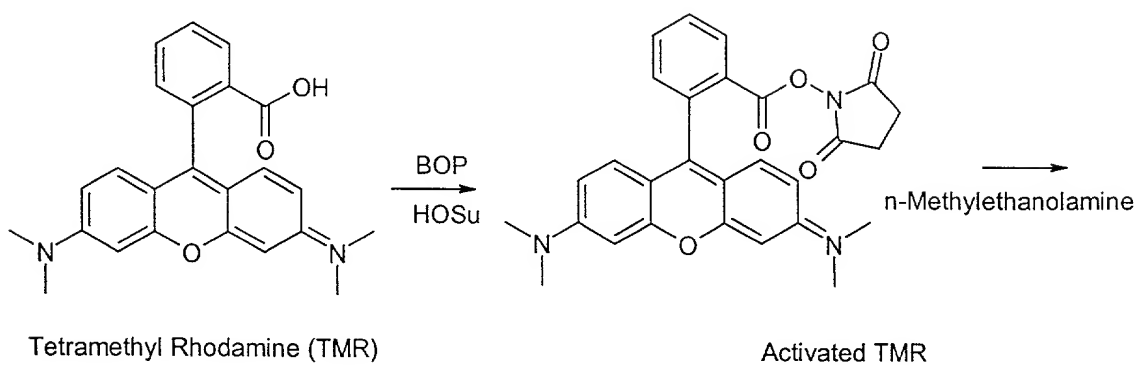
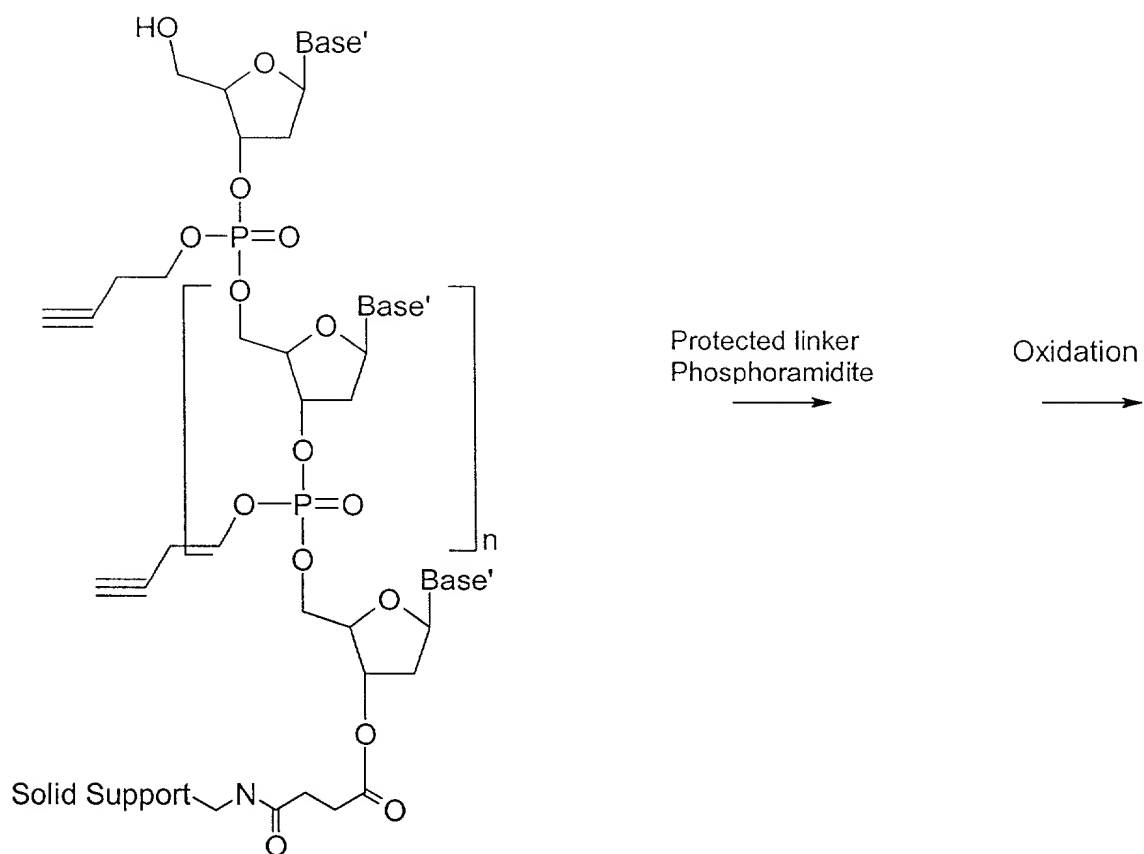
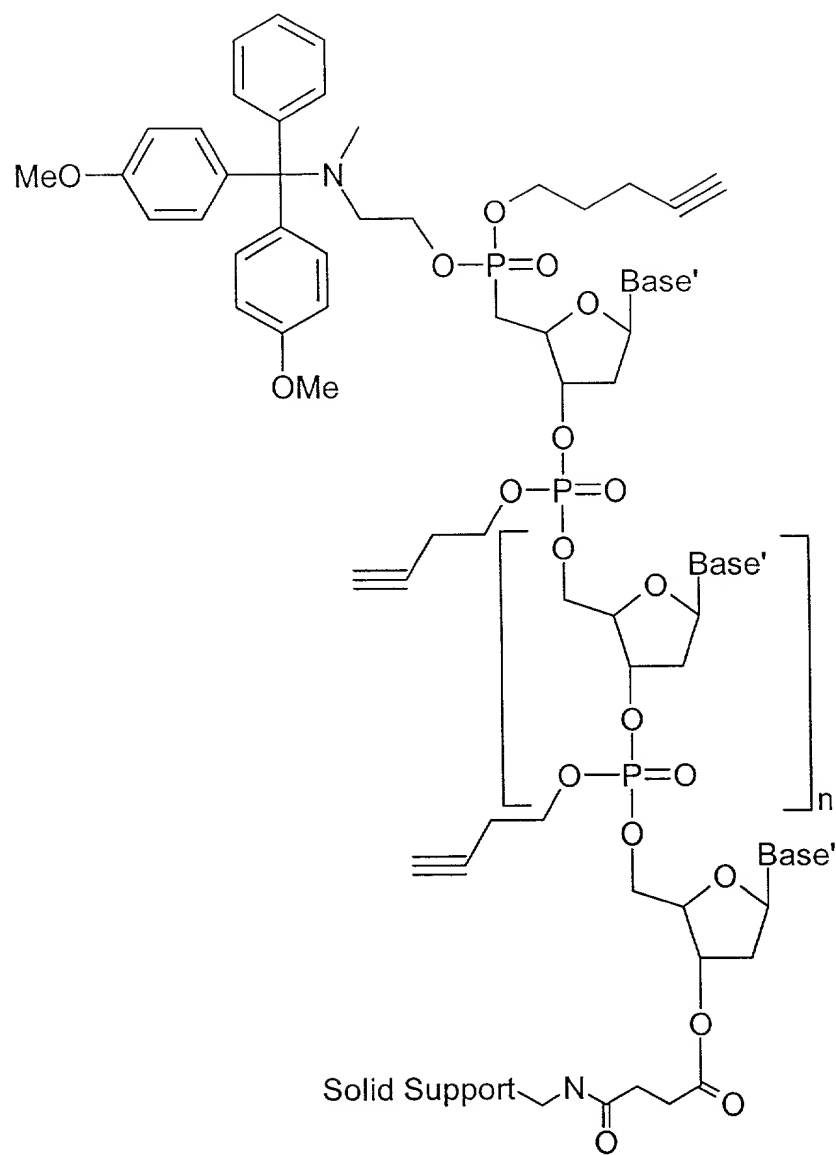


FIG. 2A



Step 1

FIG. 2B

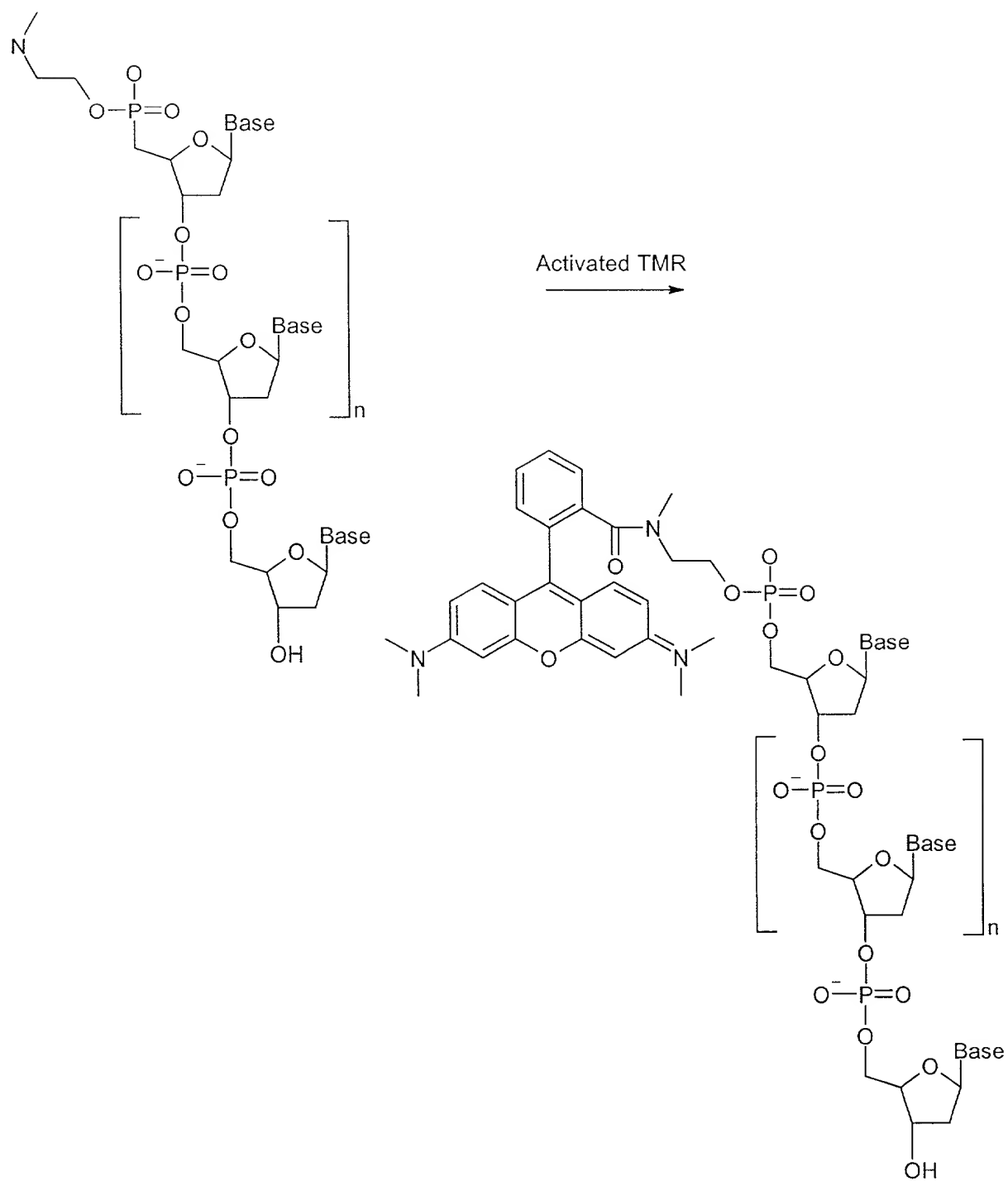


Linker
Deprotection
→

DNA
Cleavage or
Deprotection
→

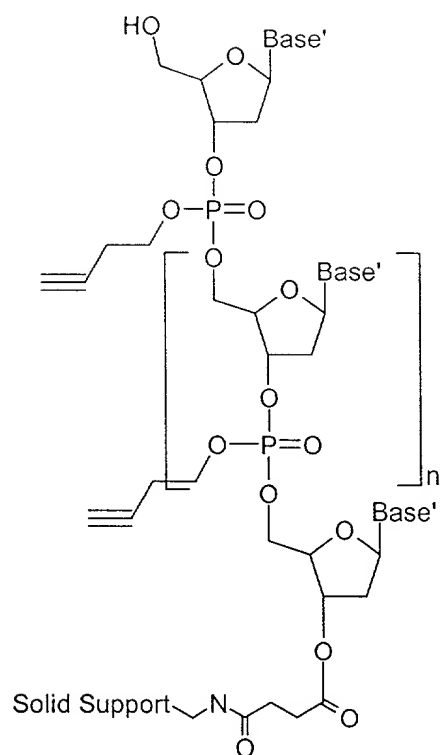
Step 1

FIG. 2B Continued



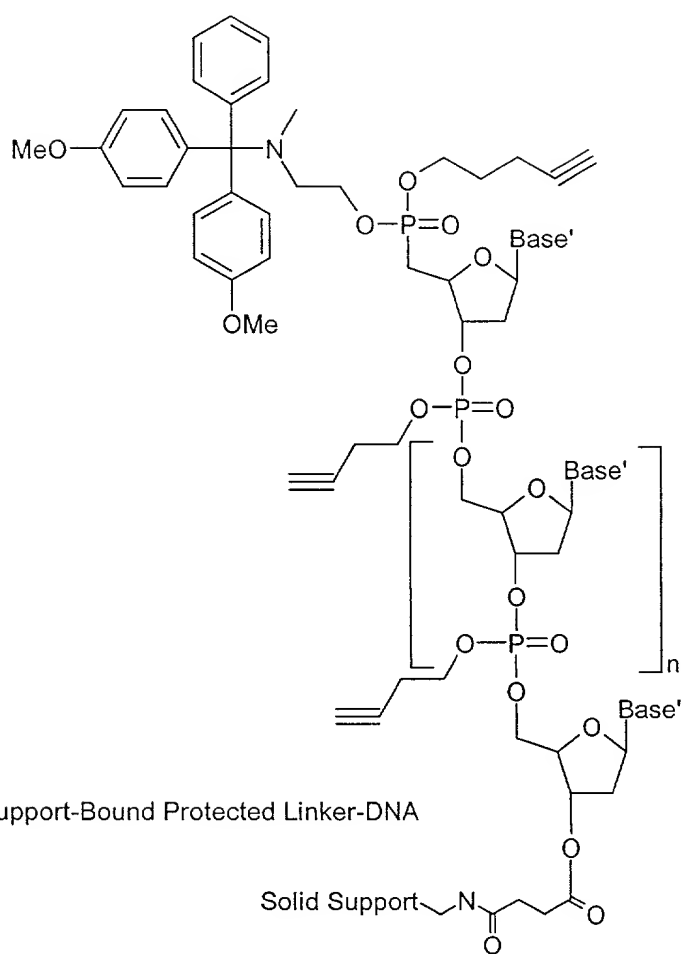
Reaction 2

FIG. 2B



Protected linker
Phosphoramidite

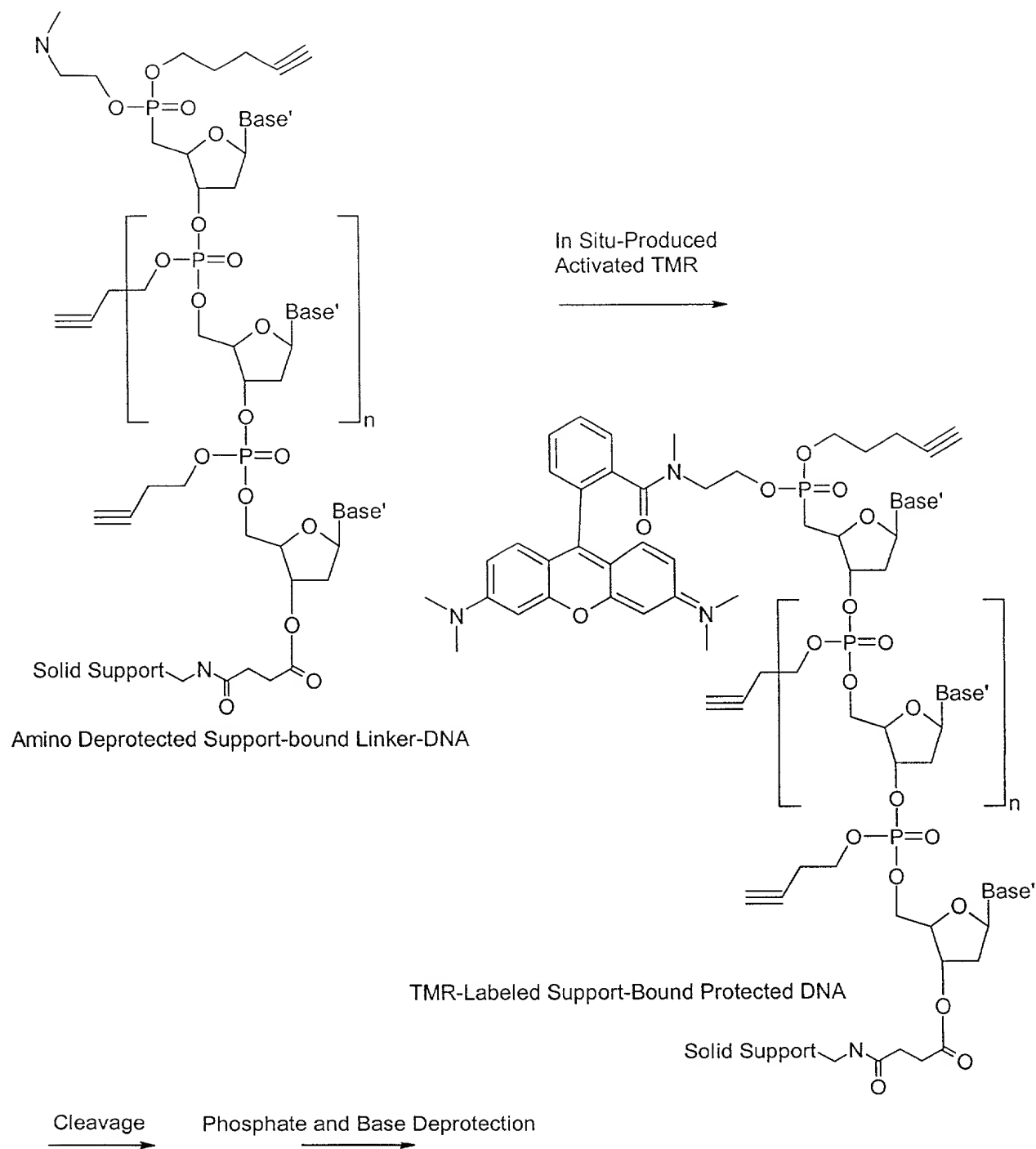
Oxidation



Amino Deprotection

Step 1

FIG. 3



Step 2

FIG. 3 Continued

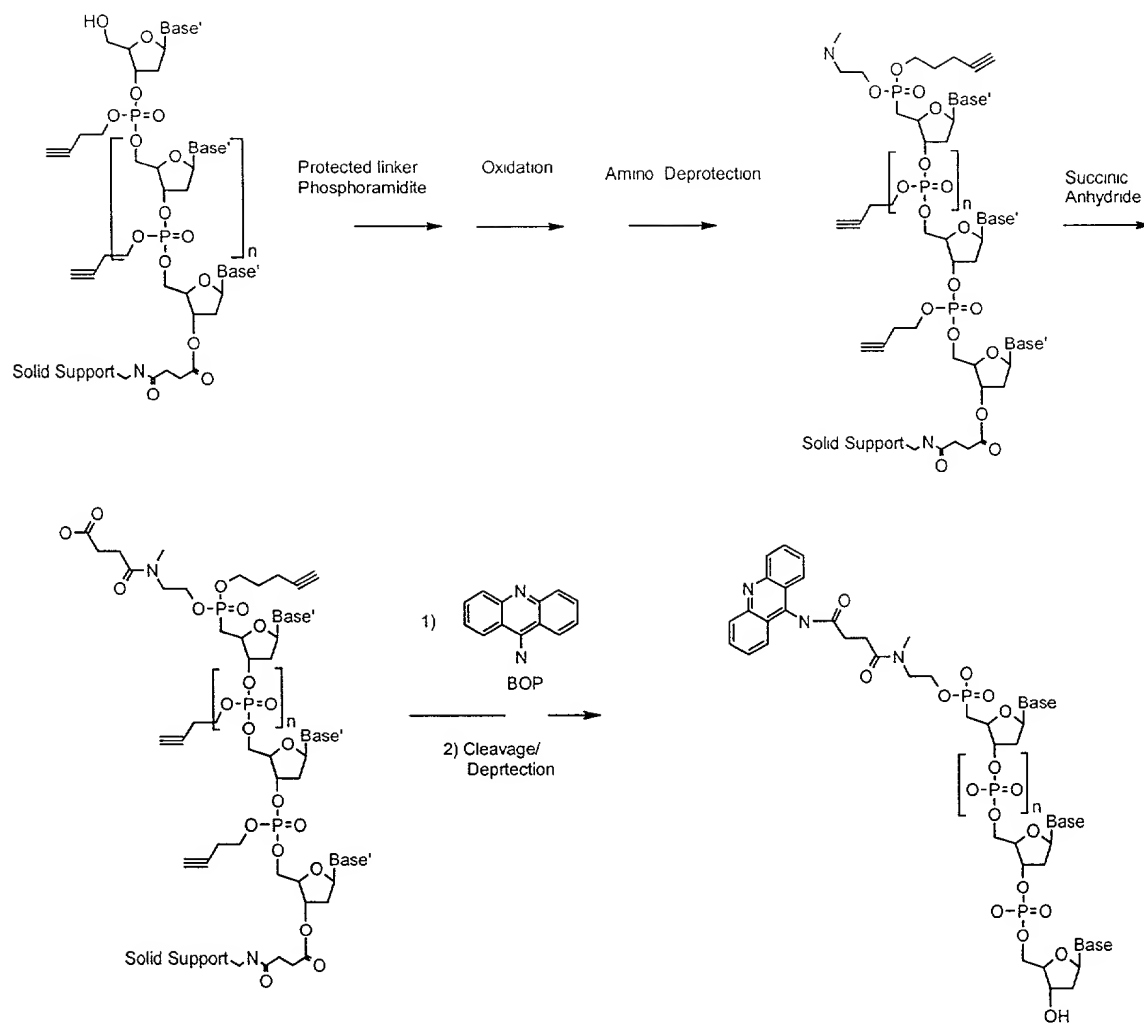


FIG. 4

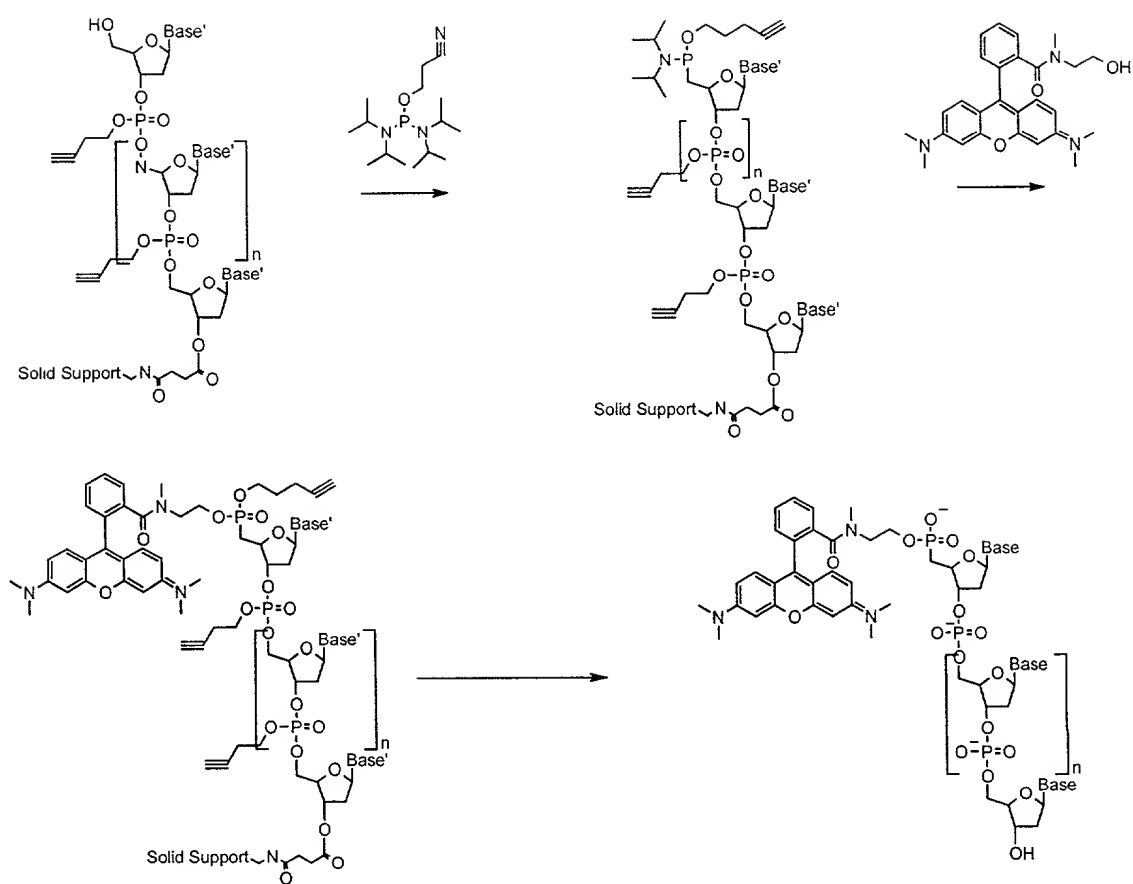


FIG. 5